#### AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

#### LISTING OF CLAIMS:

1. (Currently Amended) An ink composition comprising (a) water, (b) an anionic dye, (c) a polyquaternary amine compound, and (d) a quaternary ammonlum substituted UV absorbing compound which is a hydroxybenzophenone quaternary compound.

2. (Original) An ink composition according to claim 1 wherein the polyquaternary amine compound is of one of the formulae

or

$$\begin{bmatrix}
R_5 \\
N - R_7 \\
R_6 & A^{\Theta}
\end{bmatrix}$$

wherein n is an integer representing the number of repeat monomer units,  $R_1$  and  $R_7$  each, Independently of the other, is an alkylene group, an arylene group, an arylene group, or an alkylarylene group, and  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ , and  $R_6$  each, independently of the others, are hydrogen atoms, alkyl groups, aryl groups, arylalkyl groups, or alkylaryl groups.

3. (Original) An ink composition according to claim 1 wherein the polyquaternary amine compound is selected from the group consisting of polydiallyl ammonium compounds, polyquaternized polyvinylamines, polyquaternized polydiallylamines, epichlorohydrin/amine copolymers, cationic amido amine copolymers, copolymers of vinyl pyrrolidinone and a vinyl imidazolium salt, and mixtures thereof.

- 4. (Original) An ink composition according to claim 1 wherein the polyquaternary amine compound is a polydiallyl dimethyl ammonium compound.
- 5. (Original) An ink composition according to claim 1 wherein the polyquaternary amine compound is present in the ink in an amount of at least about 0.01 percent by weight of the ink and wherein the cationic polymer is present in the ink in an amount of no more than about 50 percent by weight of the ink.
  - 6. (Cancelled)
  - 7. (Cancelled)
  - 8. (Cancelled)
- 9. (Original) An ink composition according to claim 1 wherein the quaternary ammonium substituted UV absorbing compound is present in the ink in an amount of at least about 0.05 percent by weight of the ink, and wherein the quaternary ammonium substituted UV absorbing compound is present in the ink in an amount of no more than about 10 percent by weight.
- 10. (Original) An ink composition according to claim 1 wherein the ink further contains a nonpolymeric salt.

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11. (Currently Amended) An ink composition comprising (a) water, (b) a complex of (i) an anionic dye and (ii) a polyquaternary amine compound, and (c) a quaternary ammonium substituted UV absorbing compound which is a hydroxybenzophenone quaternary compound.

12. (Original) An ink composition according to claim
11 wherein the polyquaternary amine compound is of one of the formulae

$$\begin{array}{c|c}
 & & \\
\hline
R_2 & & \\
\hline
R_3 & & \\
\end{array}$$

or

$$\begin{bmatrix}
R_5 \\
N R_7 \\
R_6 A^{\Theta}
\end{bmatrix}_{n}$$

wherein n is an integer representing the number of repeat monomer units,  $R_1$  and  $R_7$  each, independently of the other, is an alkylene group, an arylene group, an arylene group, an arylene group, or an alkylarylene group, and  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ , and  $R_6$  each, independently of the others, are hydrogen atoms, alkyl groups, aryl groups, arylalkyl groups, or alkylaryl groups.

- 13. (Original) An Ink composition according to claim
  11 wherein the polyquaternary amine compound is selected from the
  group consisting of polydiallyl ammonium compounds, polyquaternized
  polyvinylamines, polyquaternized polyallylamines,
  epichlorohydrin/amine copolymers, cationic amido amine copolymers,
  copolymers of vinyl pyrrolidinone and a vinyl imidazollum salt, and
  mixtures thereof.
- 14. (Original) An ink composition according to claim 11 wherein the polyquaternary amine compound is a polydiallyl dimethyl ammonium compound.
- 15. (Original) An ink composition according to claim 11 wherein the polyquaternary amine compound is present in the ink in an amount of at least about 0.01 percent by weight of the ink and wherein the cationic polymer is present in the ink in an amount of no more than about 50 percent by weight of the lnk.
  - 16. (Cancelled)
  - 17. (Cancelled)
  - 18. (Cancelled)

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- (Orlginal) An ink composition according to claim 19. 11 wherein the quaternary ammonium substituted UV absorbing compound is present in the ink in an amount of at least about 0.05 percent by weight of the ink, and wherein the quaternary ammonium substituted UV absorbing compound is present in the ink in an amount of no more than about 10 percent by weight.
- (Orlginal) An ink composition according to claim 11 wherein the ink further contains a nonpolymeric salt.
- (Currently Amended) A process which comprises 21. incorporating into an ink jet printing apparatus an ink composition comprising (a) water, (b) an anionic dye, (c) a polyquaternary amine compound, and (d) a quaternary ammonium substituted UV absorbing compound which is a hydroxybenzophenone quaternary compound, and causing droplets of the inks to be ejected in an imagewise pattern onto a recording substrate.
- (Original) A process according to claim 21 wherein 22. the printing apparatus employs a thermal ink jet process wherein the ink in the nozzles is selectively heated in an imagewise pattern, thereby causing droplets of the ink to be ejected in imagewise pattern.

- 23. (Original) A process according to claim 21 wherein the printing apparatus employs a piezoelectric ink jet process wherein droplets of the ink are caused to be ejected in imagewise pattern by oscillations of piezoelectric vibrating elements.
- 24. (Currently Amended) A process which comprises incorporating into an Ink jet printing apparatus an ink composition comprising (a) water. (b) a complex of (1) an anionic dye and (ii) a polyquaternary amine compound, and (c) a quaternary ammonium substituted UV absorbing compound which is a hydroxybenzophenone quaternary compound, and causing droplets of the inks to be ejected in an imagewise pattern onto a recording substrate.
- 25. (Original) A process according to claim 24 wherein the printing apparatus employs a thermal ink jet process wherein the ink in the nozzles is selectively heated in an imagewise pattern, thereby causing droplets of the ink to be ejected in Imagewise pattern.
- 26. (Original) A process according to claim 24 whereIn the printing apparatus employs a piezoelectric link jet process wherein droplets of the ink are caused to be ejected in imagewise pattern by oscillations of plezoelectric vibrating elements.
  - 27. (Cancelled)
  - 28. (Cancelled)

- 29. (Cancelled)
- 30. (Cancelled)
- 31. (Currently Amended) An ink composition according to claim 1 comprising (a) water, (b) an anionic dye, (c) a polyquaternary amine compound, and (d) a quaternary ammonium substituted UV absorbing compound, wherein the quaternary ammonium substituted UV absorbing compound is of the general formula

$$R_1$$
 $R_2$ 
 $R_3$ 
 $R_4$ 

wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, alkylaryl group, an alkylaryl group, alkylaryl group, alkylaryl group, alkylaryl gro

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32. (Currently Amended) An ink composition according to claim 1 comprising (a) water, (b) an anionic dye, (c) a polyguaternary amine compound, and (d) a quaternary ammonium substituted UV absorbing compound, wherein the quaternary ammonium substituted UV absorbing compound is of the general formula

$$R_1$$
 $R_2$ 
 $R_3$ 
 $R_3$ 
 $R_3$ 

wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, an alkylaryl group, an alkoxy group, or a polyalkyleneoxy group.

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33. (Currently Amended) An ink composition according to claim 1 comprising (a) water, (b) an anionic dye, (c) a polyauaternary amine compound, and (d) a quaternary ammonium substituted UV absorbing compound, wherein the quaternary ammonium substituted UV absorbing compound is of the general formula

$$R_1$$
 $R_2$ 
 $R_3$ 
 $R_4$ 

wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, an alkoxy group, or a polyalkyleneoxy group.

34. (Previously Presented) An ink composition according to claim 1 wherein the quaternary ammonlum substituted UV absorbing compound is of one of the general formulae

or

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wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, an alkoxy group, or a polyalkyleneoxy group.

- 35. (Cancelled)
- 36. (Cancelled)
- 37. (Cancelled)
- 38. (Cancelled)
- 39. (Cancelled)

40. (Currently Amended) An ink composition according to claim 11 comprising (a) water, (b) a complex of (i) an anionic dye and (ii) a polyquaternary amine compound, and (c) a quaternary ammonium substituted UV absorbing compound, wherein the quaternary ammonium substituted UV absorbing compound is of the general formula

wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, an alkylaryl group, an alkoxy group, or a polyalkyleneoxy group.

41. (Currently Amended) An ink composition according to elaim 11 comprising (a) water, (b) a complex of (i) an anionic dye and (ii) a polyquaternary amine compound, and (c) a quaternary ammonium substituted UV absorbing compound, wherein the quaternary ammonium substituted UV absorbing compound is of the general formula

$$R_2$$
 $R_3$ 
 $R_4$ 

wherein  $R_1$  is an alkylene group, an aryialkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an aryialkyl group, an alkylaryl group, alkylaryl group, an alkylaryl group, alkyl

42. (Currently Amended) An ink composition according to claim 11-comprising (a) water, (b) a complex of (1) an anionic dye and (ii) a polyauaternary amine compound, and (c) a quaternary ammonium substituted UV absorbing compound, wherein the quaternary ammonium substituted UV absorbing compound is of the general formula

$$R_1$$
 $R_2$ 
 $R_3$ 
 $R_4$ 

wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, an alkylaryl group, an alkoxy group, or a polyalkyleneoxy group.

43. (Previously Presented) An Ink composition according to claim 11 wherein the quaternary ammonium substituted UV absorbing compound is of one of the general formulae

$$\begin{array}{c}
O \\
\hline
R_1 \\
R_2 - N_{\bigoplus} R_4 \\
R_3
\end{array}$$

$$\begin{array}{c} & & \\ & & \\ & & \\ & & \\ R_2 - N_{\bigoplus} R_4 \\ & & \\ & & \\ R_3 \end{array}$$

or

wherein  $R_1$  is an alkylene group, an arylalkylene group, or a polyalkyleneoxy group, and  $R_2$ ,  $R_3$ , and  $R_4$  each, independently of the others, is a hydrogen atom, an alkyl group, an aryl group, an arylalkyl group, an alkylaryl group, an alkyleneoxy group.

44. (Cancelled)